

CLAIMS

What is claimed is:

5 1. A method for operating a radio remote control system having a transmitting unit and a receiving unit, comprising:

6 following the termination of a radio connection
7 between the transmitting unit and the receiving unit,
8 modifying at least one transmitting or receiving parameter of
9 the transmitting unit or the receiving unit with respect to a
10 standard value in such a way that the establishment of a new
11 radio connection is only possible if the distance between the
12 transmitting unit and the receiving unit does not exceed a
13 predetermined value; and
14 15

 following the establishment of a new radio contact
with the modified parameter in effect, resetting the
respective parameter to the standard value.

20 2. The method in accordance with claim 1, wherein a radio connection is established to transmit information composed of a sequence of packets each having a section with a defined bit sequence for testing purposes, and one of said steps of modifying and resetting takes place in response to
25 correspondence or noncorrespondence of a received bit sequence with a predetermined test bit sequence.

3. The method in accordance with claim 1, wherein
the at least one parameter is the transmitting output of the
transmitting unit or the receiving sensitivity of the
5 receiving unit.

4. The method in accordance with claim 3, wherein
the parameter is the amplification of an amplification stage
of the transmitting unit.

5. The method in accordance with claim 3, wherein
the parameter is the receiving sensitivity of the receiving
unit and said steps of modifying and resetting comprise
switching a switchable attenuation member of the receiving
15 unit.

6. The method in accordance with claim 5, wherein
said step of modifying comprises reducing the transmission
output of the transmitting unit or the receiving sensitivity
20 of the receiving unit when the transmitting output of the
transmitting unit during an existing radio connection falls
below a first switching threshold (S1) over a defined period
of time.

7. The method in accordance with claim 5, wherein
said step of resetting comprising restoring the transmission

5

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	